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FAX COVER SHEET

Date:	<u>May 11, 2004</u>	Client Code:	<u>6536-139</u>
To:	U.S. Patent and Trademark Office		
	<u>Filing Receipt Corrections</u>		
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Subject:	Serial No. 10/750,014		
	<u>Request for Corrected Filing Receipt</u>		
From:	<u>Orlando Lopez</u>		
Assistant:	<u>Marlo Schepper</u>		
Pages:	6, including this cover sheet.		

MESSAGE:

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TRANSMITTAL
FORM

(to be used for all correspondence after filing)

Total Number of Pages in This Submission

Application Number	10/750,014
Filing Date	December 31, 2003
First Named Inventor	Thomas A. Mitchell
Art Unit	2873
Examiner Name	TBD
Attorney Docket Number	6536-139

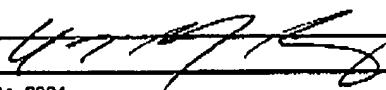
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number or CD(s) _____ <input type="checkbox"/> Remarks _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt with attachments; facsimile cover sheet.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or individual name

Orlando Lopez, Reg. No. 46,880

Signature



Date

May 11, 2004

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Typed or printed name

Orlando Lopez

Signature



Date

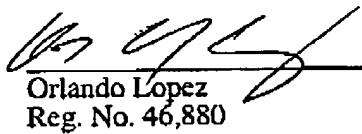
May 11, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Orlando Lopez
Reg. No. 46,880

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas A. Mitchell
Application Serial No. 10/750,014
Filed: December 31, 2003
Title: COMPACT HYPERSPECTRAL IMAGER

Group Art Unit: 2873
Confirmation No.: 9342
Examiner: TBD

Perkins Smith & Cohen LLP
One Beacon Street
Boston, MA 02108
(617) 854-4000

To: Commissioner for Patents
Office of Initial Patent Examination
Filing Receipt Corrections
Facsimile No. (703) 746-9195

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

In the above-identified patent application, a corrected filing receipt is requested.

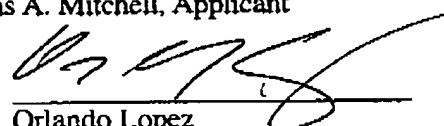
In the filing receipt, the title of the application should read "Compact hyperspectral imager", as evidenced by the title in the first page of the application (copy attached). The Commissioner for Patents inadvertently replaced the word "imager" with "image" in the title of the invention. A copy of the filing receipt with the correction noted is also attached.

Although no fee is required, the Commissioner for Patents is hereby authorized to charge any deficiencies or to credit any overpayment to Deposit Account No. 03-2410, Order No. 6536-139.

Date: May 11, 2004

Respectfully submitted,
Thomas A. Mitchell, Applicant

By:


Orlando Lopez
Reg. No. 46,880
Agent for Applicant

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY/DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/750,014	12/31/2003	2873	468	6536-139	6	29	3

CONFIRMATION NO. 9342

26486
PERKINS, SMITH & COHEN LLP
ONE BEACON STREET
30TH FLOOR
BOSTON, MA 02108

FILING RECEIPT



OC000000012527275

Date Mailed: 05/05/2004

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Applicant(s)

Thomas A. Mitchell, Nazareth, PA;

DOCKETED

Assignment For Published Patent Application

Wavefront Research, Inc.;

JUN 10 2004 CORRECT FILING RECEIPT

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/437,629 12/31/2002

Foreign Applications

If Required, Foreign Filing License Granted: 05/04/2004

Projected Publication Date: 08/12/2004

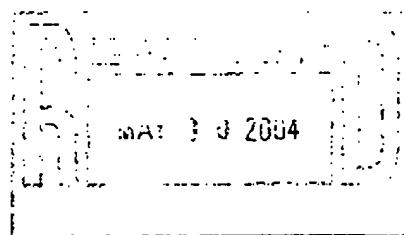
Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Compact hyperspectral imager



Preliminary Class
351

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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COPY

Express Mail Label No. EL449702084US Date of Deposit: 12/31/03
COMPACT HYPERSPECTRAL IMAGER

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority of U. S. Provisional Application 60/437,629 filed on December 31, 2002, which is incorporated by reference herein.

BACKGROUND OF THE INVENTION

[0002] This invention relates generally to hyperspectral imagers, and, more particularly, to a hyperspectral imager design that is easier and less costly to fabricate, more compact in physical size and mass, and superior in spectral and spatial imaging quality than previous designs.

[0003] A hyperspectral imager is a known device that is commonly used to examine the spectral, or wavelength dependent, content of an object or scene. (Hyperspectral imagers are also referred to as imaging spectrometers.) In a hyperspectral imager light emitted or reflected by a given object or scene is imaged onto the entrance of a spectrometer, usually a slit element that transmits a single line image of the object or scene. The spectrometer in turn re-images this light to another location while dispersing this light according to its wavelength in a direction orthogonal to the orientation of the slit element, where it can readily be observed or recorded. In this manner, each slice of the object or scene is decomposed into a two-dimensional data array, and by scanning the object or scene in line-by-line increments, a three-dimensional data cube is formed.

[0004] Because every material has a unique spectral signature, the hyperspectral imager has become a very